

IN THE CLAIMS:

Claim 1 (Currently Amended): A gamma reference voltage generating circuit in a liquid crystal display, comprising:

a first gamma power unit ~~receiving~~ formed of a first power voltage ~~from a power converter~~ and outputting a first gamma voltage for a reflective driving mode of the liquid crystal display;

a second gamma power unit ~~receiving~~ formed of a second power voltage ~~from the power converter~~ and outputting a second gamma voltage for a transmissive driving mode of the liquid crystal display; and

a switching unit selecting one of the first gamma voltage of the first gamma power unit and the second gamma voltage of the second gamma power unit, and outputting the selected gamma voltage to a source driving circuit.

Claim 2 (Canceled).

Claim 3 (Canceled).

Claim 4 (Currently Amended): The circuit according to claim 1, wherein the first and second ~~gamma power units use different~~ power voltages are different.

Claim 5 (Original): The circuit according to claim 1, further comprising a buffer buffering the selected voltage output from the switching unit, and outputting a buffered voltage to the source driving circuit.

Claim 6 (Original): A gamma reference voltage generating circuit in a liquid crystal display, comprising:

- a DC/DC converter generating a first power V_{DD1} and a second power V_{DD2} for one of a reflective driving mode and a transmissive driving mode;

- a switching unit selecting and outputting one of the first power and the second power;

- a first gamma power unit inputting the first power from the switching unit and outputting a first gamma power;

- a second gamma power unit inputting the second power from the switching unit and outputting a second gamma power;

- a first common power unit inputting the first power from the switching unit and outputting a first common voltage; and

- a second common power unit inputting the second power from the switching unit and outputting a second common voltage.

Claim 7 (Canceled).

Claim 8 (Original): The circuit according to claim 6, further comprising a buffer buffering the first and second gamma voltages output from the first and second gamma power units, and applying the buffered voltage to a source driving circuit.

Claim 9 (Currently Amended): A liquid crystal display device, comprising:

- a liquid crystal display panel;

- a source driving circuit connected to the liquid crystal display panel;

- a gate driving circuit connected to the liquid crystal display panel;

- a switching unit selecting one of a first voltage and a second voltage output from a power converter;

- a first output unit receiving ~~a first power from a power converter~~ the first voltage and producing a first gamma voltage during a reflective driving mode of the liquid crystal display panel;

- a second output unit receiving ~~a second power from the power converter~~ the second voltage and producing a second gamma voltage during a transmissive driving mode of the liquid crystal display panel; and

- ~~a switching unit selecting one of the first and second voltages, and outputting the selected voltage to the source driving circuit.~~

Claim 10 (Canceled).

Claim 11 (Canceled).

Claim 12 (Currently Amended): The circuit according to claim 9, wherein the ~~first output unit is supplied with a first power voltage and the second output unit is supplied with a second power voltage~~ is different from the first power voltage.

Claim 13 (Currently Amended): The circuit according to claim 9, further comprising a buffer buffering one of first and second gamma voltages ~~the selected voltage output from the switching unit~~, and outputting a buffered voltage to the source driving circuit.

Claim 14 (Currently Amended): A method for generating a reference voltage for digital/analog conversion in a source driving circuit of a liquid crystal display device, comprising the steps of:

selecting one of first and second voltages from a power converter;

providing a the first voltage received from a the power converter to a first power unit during a reflective driving mode of the liquid crystal display device to generate a first gamma voltage;

providing a the second voltage received from the power converter to a second power unit during a transmissive driving mode of the liquid crystal display to generate a second gamma voltage;

~~selecting one of the first and second voltages;~~ and

providing one of the first gamma voltage and the second gamma voltage selected voltage to the source driving circuit.

Claim 15 (Canceled).

Claim 16 (Currently Amended): The circuit according to claim 14, ~~further including the step of supplying the first output unit with a first power voltage, and supplying the second output unit with a second power voltage~~ the second voltage is different from the first power voltage.

Claim 17 (Currently Amended): The circuit according to claim 14, further comprising buffering one of the first and second gamma voltages ~~selected voltage output from the switching unit,~~ and outputting a buffered voltage to the source driving circuit.